(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 17 February 2005 (17.02.2005)

PCT

(10) International Publication Number WO 2005/014608 A2

(51) International Patent Classification7: C07H 15/00

(21) International Application Number:

PCT/I!P2004/007372

(22) International Filing Date: 6 July 2004 (06.07.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 03254528.7

18 July 2003 (18.07.2003) E

- (71) Applicant (for all designated States except US): CARGILL INCORPORATED [US/US]; 15407 McGinty Road West, Wayzata, MN 55391 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): STOUFFS, Robert, Henri-Marcel [BE/IT]; Via Montebello, 25, I-44100 Ferrara (IT). BRUSSANI, Gianfranco [IT/IT]; Via Gramsci 8, I-13058 Ponderano (IT). SACRATO, Ricardo [IT/IT]; Via Dei Marinai 12, I-45026 Lendinara (IT). CONARD, Chad [US/US]; 5009 Co Road 39, Ft Calhoun, NE 68023 (US). SASMAN, Thomas [US/US]; 3922 N. 159th Street, Omaha, NE 68116 (US).
- (74) Agent: DERKS, Wilbert; Howrey Simon Arnold & White, CityPoint, One Ropemaker Street, EC2Y 9HS London (GB).

- B1) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CII, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, HIL, KG, HS, FI, GB, GD, GIE, GH, GM, HR, HU, HD, HL, IN, IS, JP, KIE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GII, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

- of inventorship (Rule 4.17(iv)) for US only

Published:

 without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PROCESS FOR PREPARING MALTITOL ENRICHED PRODUCTS

(57) Abstract: The current invention relates to a process for preparing maltitol enriched products and said process is chromatographically fractionating a maltose syrup followed by hydrogenating it into a liquid maltitol enriched product and optionally solidification or crystallization of maltitol. Liquid, solid and crystalline maltitol of different purities are obtainable by a single process.

